

# **EXHIBIT A**



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Washington, D.C. 20231

MAY 30, 2001

PTAS  
ZOLTICK TECHNOLOGY LAW GROUP, PLLC  
MARTIN M. ZOLTICK  
21515 RIDGETOP CIRCLE, SUITE 200  
LOUDOUN TECH CENTER  
STERLING, VIRGINIA 20166



\*101649069A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 03/13/2001

REEL/FRAME: 011611/0585  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
AGUAYO, ERWIN, JR.

DOC DATE: 11/01/2000

ASSIGNOR:  
SALWAN, ANGADBIR (AB) SINGH

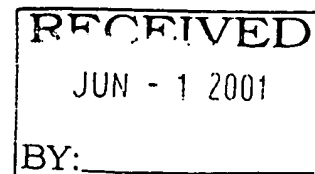
DOC DATE: 11/01/2000

ASSIGNEE:  
COMNET MEDIA CORPORATION  
6483 SUMMER CLOUD WAY  
COLUMBIA, MARYLAND 20145

SERIAL NUMBER: 09804853  
PATENT NUMBER:

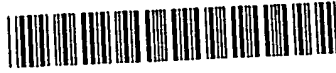
FILING DATE: 03/13/2001  
ISSUE DATE:

LAZENA MARTIN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



03-27-2001

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Expires 06/30/99  
OMB 0651-0021U.S. Department of Commerce  
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**PATENT**

101649069

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☐ Departmental File☐ Secret File**Conveying Party(ies)**☐ Mark if additional names of conveying parties attached

Name (line 1) Aguayo, Erwin, Jr.

Execution Date

Month Day Year

11/01/2001

Name (line 2)

Execution Date

Month Day Year

11/01/2001

**Second Party**

Name (line 1) Salwan, Angadbir (AB) Singh

Name (line 2)

**Receiving Party**☐ Mark if additional names of receiving parties attached

Name (line 1) Comnet Media Corporation

Name (line 2)

Address (line 1) 6483 Summer Cloud Way

Address (line 2)

Address (line 3) Columbia

City

MD

State/Country

20145

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)**Domestic Representative Name and Address**

Enter for the first Receiving party only.

Name Martin M. Zoltick (35,745)

Address (line 1) ZOLTICK TECHNOLOGY LAW GROUP, PLLC

Address (line 2) 21515 Ridgetop Circle, Suite 200

Address (line 3) Loudoun Tech Center

Address (line 4) Sterling, Virginia 20166

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Commissioner of Patents and Trademarks, Box Assignments, Washington, DC 20231**Recordation Form Cover Sheet**

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Dated: \_\_\_\_\_

Signature: \_\_\_\_\_ (Vicki L. Hudson)

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J1040 U.S. PTO  
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03/13/01

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Expires 06/30/99  
OMB 0651-0027

Page 2

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

<b>Correspondent Name and Address</b>	<b>Area Code and Telephone Number</b>	(571) 434-7260
Name Martin M. Zoltick		
Address (line 1) ZOLTICK TECHNOLOGY LAW GROUP, PLLC		
Address (line 2) 21515 Ridgeway Circle, Suite 200		
Address (line 3) Loudoun Tech Center		
Address (line 4) Sterling, Virginia 20166		

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. #

**Application Number(s) or Patent Number(s)** ☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned

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PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

**Number of Properties** Enter the total number of properties involved. #

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed ☒ Deposit Account ☐

Deposit Account  
(Enter for payment by deposit account of if additional fees can be charged to the account.)


Deposit Account Number: #

Authorization to charge additional fees: Yes ☒ No ☐

**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

Martin M. Zoltick  
Name of Person Signing

  
Signature

March 13, 2001  
Date

## ASSIGNMENT

We, Erwin Aguayo, Jr. and Angadbir (AB) Singh Salwan, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to COMNET MEDIA CORPORATION, a Maryland corporation, with offices at 6483 Summer Cloud Way, Columbia, Maryland 21045 and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries of the world, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

### DISTRIBUTED VIDEO SEGMENTS MICROCASTING (DVSM) TECHNOLOGY

filed with the U.S. Patent and Trademark Office on March 13, 2000 and assigned Serial No. 60/188,893, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names at the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.


We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date:

November 6, 2009  
Erwin Aguayo, Jr.

Date:

Nov. 1st 2009  
Angadbir (AB) Singh Salwan

## ASSIGNMENT

We, Erwin Aguayo, Jr. and Angadbir (AB) Singh Salwan, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to COMNET MEDIA CORPORATION, a Maryland corporation, with offices at 6483 Summer Cloud Way, Columbia, Maryland 21045 and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries of the world, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

### **DISTRIBUTED VIDEO SEGMENTS MICROCASTING (DVSM) TECHNOLOGY FOR INTERACTIVE TV (iTV), VIDEO ON DEMAND (VOD), VIDEONET, MICRO-COMMERCE & MICRO-ADVERTISING**

filed with the U.S. Patent and Trademark Office on August 23, 2000 and assigned Serial No. 60/227,126, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names at the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

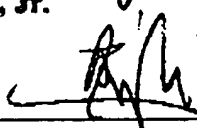
We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date:

November 1, 2000  
Erwin Aguayo, Jr.

Date:

Nov 1st 2000  
Angadbir (AB) Singh Salwan